

02527-U.S. PTO
06/26/03

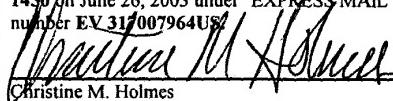
Practitioner's Docket No. 210_588

PATENT

NEW APPLICATION TRANSMITTAL

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on June 26, 2003 under "EXPRESS MAIL" mailing label number EV 317007964US


Christine M. Holmes

21904 U.S. PTO
10/606484

06/26/03

Transmitted herewith for filing is the patent application of:

Inventor 1: Lynn A. Turner
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Inventor 3: Eugene L. Mills, Jr.
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Title: HEAT PUMP WITH IMPROVED PERFORMANCE IN HEATING MODE

1. Papers enclosed

A. Required for filing date under 37 CFR 1.53(b) (Regular) are:

- 7 Page(s) of Specification
3 Page(s) of Claims
1 Page(s) of Abstract
4 Sheets of Formal Drawings (Figs. 1-4)

B. Other Papers Enclosed

- A combined Declaration and Power of Attorney
 An Information Disclosure Statement
 PTO Form-1449
 An Assignment Transmittal and Assignment of the invention to
Carrier Corporation

2. Small Entity Status

[] Applicant claims small entity status. (See 37 CFR 1.27)

3. The filing fee has been calculated as shown below:

A. Filing Fee

Original Patent Application \$ 750.00
(37 C.F.R. 1.16(a) --\$750.00; Small Entity--\$375.00)

B.	Fees for Claims (20 Claims; 4 Indep.)	
<input checked="" type="checkbox"/>	each independent claim in excess of 3 (37 C.F.R. 1.16(b)--\$84.00; small entity--\$42.00)	\$ <u>84.00</u>
<input type="checkbox"/>	each claim in excess of 20 (37 C.F.R. 1.16(c)--\$18.00; small entity--\$9.00)	\$ <u>.00</u>
<input type="checkbox"/>	multiple dependent claim(s) (37 C.F.R. 1.16(d)--\$280.00; small entity--\$140.00)	\$ <u>.00</u>
C.	<input checked="" type="checkbox"/> Assignment Fee	\$ <u>40.00</u>
		Total Fees Due \$ 874.00

4. Payment of Fees and Authorization to Charge Additional Fees or Credit Overpayment

- A check in the amount of \$874.00 is enclosed.
- The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-0289.
- Any additional filing fees required under 37 CFR 1.16.
- Any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,

WALL MARJAMA & BILINSKI LLP



Dana F. Bigelow
Reg. No. 26,441

June 26, 2003

Date

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